

HONOLULU, TERRITORY OF HAWAII, SATURDAY, MARCH 3, 1917.

## FEBRUARY CLOSES WITH SCHOOL GARDENS IN CONTEST FLOURISHING FINELY

### PUUNENE PRINCIPAL FINDS GARDEN CONTEST SUGGESTS NEW ADVANCES

Elmer A. Brown Reports Interest Running High; Proposes Further Developments

Puunene, Maui, T. H., Feb. 24, 1917.

Editor Honolulu Star-Bulletin.

Dear Sir: We are still able to report continued growth of interest in the Star-Bulletin Farm Contest. At this time our records show 133 pupils trying for a Star-Bulletin prize, 108 of whom are proceeding under our school contest system. Besides this number, we have 66 boys enrolled in our regular agricultural classes and these are trying to win the first prize for the Puunene school. In other vocational work, 20 boys are learning the underlying principles of animal care by doing much of the work of tending our rabbits and chickens. Thirty-eight more are gaining some insight into carpentry in our shop classes. All of this work is in direct charge of Mr. Louis Camara, a graduate of the Honolulu Normal school with the class of 1916.

Some of the work of the regular school garden boys will be observed in the pictures that I am enclosing. One picture represents a lesson in washing produce and putting it in attractive packages for market. Another view shows the boys in readiness to start to sell the tastily prepared produce. I am sending you also two views of our home garden under our rental system. You will note the activity of both girls and boys. Some large stones that have been removed with great difficulty are to be seen. Still another picture shows our Experimental School Garden as it appeared on the 17th inst. This garden was planted between December 29 and January 5, last, and has produced a crop of radishes which sold at the rate of \$633.55 per acre. We are now harvesting a crop of lettuce which promises to prove equally profitable. The part that produced radishes has been replanted to lettuce.

From our experience, it would seem that "living out of tin cans" is entirely unexcusable in Hawaii. A garden 30 ft. by 40 ft. can easily be made to produce enough wholesome vegetables to supply the table of a large family. Most of the labor required for such a garden can be performed by a child six years of age and the labor expended would be a character building exercise developing both body and mind to a high degree.

Why, then, do we appear so negligent in this particular? I would answer that we are the servants of HABIT. We have formed the habit of depending on one industry. This dependence on the cane fields has blinded us to the vegetable garden. Our blindness can be cured only by education. It was formerly the HABIT of the boy who took corn to the mill to place a bag, containing corn in one end and a stone in the other, for balance, across the back of his horse. It took years of EDUCATION to break up this foolish HABIT and make him understand that he might just as well have corn in both ends of the bag. But this is the age of rapid learning. Corn is brought to the mill in train loads instead of in bagfuls borne on the back of a horse.

Why not have a school adapted to the needs of the age and the locality? Suppose that 200 boys between the ages of 12 and 18 years were brought together for training in an industrial school designed to fit them for their country's service. Bring them from all parts of the territory. Make the inducements to attend this school strong enough to attract boys of more than average intelligence who were destined to become leaders in their communities. Let their school records be the basis for selection. Train them to become farmers—intelligent investigators of agricultural possibilities. Give them an adequate amount of instruction in carpentry and blacksmithing and other kindred agricultural subjects. Make the curriculum broad enough to fit the requirements of the various localities—make it a representative school. After the pupils have formed the desired habits, send them home to convey their ideas to their neighbors by actual demonstration. While such a course would require the outlay of a large amount of money, within a few years it would be returned to the government in the form of taxes or increased valuations due directly to the diffusion of learning through the agency of the proposed school.

We are striving to do what we can with our limited facilities and with our primary pupils to approach this ideal. But ours is not a vocational school. We are not neglecting any subject in the course of study nor any of the rules and regulations of the department of public instruction for the interest that we may have in any hobby. Yet in our efforts to develop good and substantial citizens in our management of class room recitations or playground activities, or pre-vocational pursuits, we hope to establish some facts of economic and social value to everyday people in their everyday lives. We trust that experiments which we have cited and others that we are conducting will lead to some such discoveries. It may be that people can be led to see that permanent employment at plantation wages with free rent, free wood, free doctor, home surroundings, and a sub-

stantial bonus is far better than a temporary job at two or three dollars per day, a camp life, no hospital accommodations, much idle time, and high prices for everything one has to buy. If, in addition to their present benefits, they might be induced to provide for themselves the comforts and profits of a home vegetable garden, the visions of wealth in an unknown land might grow fainter and the labor problem of Hawaii be made less burdensome. But whether we can establish such facts or not, we can influence pupils to form habits of economy, thrift, diligence, perseverance and other habits that tend to make desirable citizens. We trust that our success in this line will be evident from our future reports.

Very respectfully,  
E. A. BROWN.

### SINGER MACHINE PRIDE OF ALL AT HONOMAKAU

Kohala, Hawaii, Feb. 24, 1917.

Editor Honolulu Star-Bulletin.

Dear Sir: We have read several school children's letters in the Star-Bulletin with great interest. Last year the Advertiser published our pictures.

The boys have been working in the garden for many weeks and have it in good condition now.

We wish to tell you something about the girls in this letter. On Fridays the girls crochet, and sew petticoats and dresses. The dresses are mostly made on a new Singer sewing machine. This machine is the pride of the school. There is also an old hand machine, used by the lower grades.

The school also owns a Victrola, and many fine records which are played every day. These were earned by the children. They gave a concert which many people of Kohala attended. The children made enough money to pay for the Victrola and records. Though we worked very hard we are now very glad the school owns a phonograph.

Our school expects to have a kitchen which will be a great joy to the girls and useful to the children coming from far places. They will be able to buy their lunches here.

Very truly yours,  
HATTIE CHOOK,  
ANNIE AND MARY WONG,  
RUTH WAKAYAMA,  
HILDA TONG,  
FOOK HIN TONG.

Fer. Honomaku School Correspondence Club.

### LARGE HARVEST IS EXPECTED AT NINOLE SCHOOL

Ninole, Hawaii, Feb. 26, 1917.

Editor Honolulu Star-Bulletin.

Dear Sir: I planted radish seeds in my garden bed on January 27, 1917. The seeds did not grow as they were too old.

On February 17th, 1917, I replanted my garden bed with Cauliflower. They are beginning to grow.

The weather was very dry during the first two weeks of Feb. The beans, corn and potatoes in our garden are now growing nicely after the good rain showers of Feb. 20 to Feb. 22. We had to water the plants during the dry spell. The beans are eleven inches high and are in bloom. We have placed sticks in each hole to have the bean-vines climb the poles as some of the beans that we planted are pole beans.

We have watched the growth of our plants with interest and expect to harvest a large crop from our school garden.

Yours truly,  
ANTONIA IGNACIO.

### CABBAGE CATERPILLARS AT PAPAIOU DESTROYED

Papaiou, Hawaii, Feb. 24, 1917.

Editor Honolulu Star-Bulletin.

We are greatly pleased with our garden. All of our vegetables—cabbages, carrots, beans, onions, lettuce, turnips, radishes, parsley and beets—are growing well.

We made some new beds this week and sowed more carrots and lettuce. We also transplanted a lot of lettuce. These plants are growing well for we have had some rain.

During the past week a boy has been kept busy looking after the cabbage caterpillars. A good number were found and destroyed.

Yours very truly,  
THIRD GRADE,  
Papaiou School.

### Puunene Pupils So Anxious to Garden They Come at 7 o'Clock, Eat Breakfast



Above, left—Shigeki Tamura and his home garden at Puunene. Right—Irrigating home gardens. Water under perfect control. From previous irrigation experience boys have learned how to construct ditches, ponds, etc. Below, left—Boys eating breakfast on school grounds before 7 o'clock in order to get early start on garden work. Right—Isami Ota, 3rd grade, Puunene school.

### Hauula Garden is Improving, As Shown By These Photos



Above—New Hauula garden with fence which the nine gardeners put up before planting. Below—Old garden.

Hauula, Oahu, Feb. 16, 1917.

Editor Honolulu Star-Bulletin.

Sir: Our beans, radishes and cabbages are growing. They are one week old today. Other seeds have failed to grow so we have planted new seeds in their places.

Caterpillars and butterflies have been feeding on our lettuce and we have managed to destroy many of them. Some of our lettuce are ready for use.

The two prints I'm sending you will show our old garden as well as our new garden and part of the fence which the nine gardeners put up, before planting.

Yours very truly,

YAN CHEONG.

### KONA AT KEOKEA HITS HEAVILY

Keokea School, Maui, Feb. 16, 1917.

Editor Honolulu Star-Bulletin.

Sir: The week ending February 15 has been a stormy one. The kona rain caused floods which tore off our fence, filled our school yard with dirt, rocks and rubbish. Fortunately the main part of the floods passed only a few feet of the school building.

A great number of our plants was carried away by the flood. The seeds we sowed were also carried away. On account of the storm no planting was done and we had to let our garden work go this week.

Yours truly,

KIM SONG CHING.

Room IV.

Dear Sir: We cleared our garden of stones and rubbish left by the floods of last week. We planted some Chinese green mustard, filled up our corn and potatoes—those left by the floods. The beans are growing nicely, but are being attacked by the cutworms. We used Paris green to destroy them. The temperature was 67 degrees for the week. It has been a rainy week and so we did not water our plants.

Yours truly,

KIN HEONG SHIM.

Room IV.

### KANELOE BOY IS RESOLVED TO WIN

Kaneiole, Feb. 21, 1917.

Editor Honolulu Star-Bulletin.

Dear Sir: I am writing you a short letter just to let you know how things are going along in Kaneiole school.

I was too late to go in the School Garden Contest so I am making some gardens at home for myself and the family.

I am planting corn, sweet potatoes, Irish potatoes, carrots, peas, squash, and lima beans and beans.

There is hardly any work at home so I am planting some more gardens. Samuel Ako is my captain. He comes around each week to see if we are caring for our gardens and to help us to get seeds and potato slips and encourage us in our work.

We have six different districts and a captain for each district. All the children here are interested in gardens because food is so high. We want to help by raising some of the food for the family.

Yours truly,

CHARLES WAGNER.

Especially worth mentioning is the letter from Makanaia, Kohala, Hawaii, written by Violet Solomon. It was the best letter turned in February 16. It tells what the girls and boys both are doing and what they hope to accomplish.

### KAU GIRL TAKES NEW COURAGE BY READING LETTER

Waichinu, Kau, Hawaii, Feb. 21, 1917.

Editor Honolulu Star-Bulletin.

Dear Sir: It is about a month since I wrote to you and I want to tell you more about my garden.

First, I want to tell you that I was nearly discouraged on account of poor ground but my letter in the Star-Bulletin gave me new courage and so I kept on. During the first week of February it was very damp and just right for working. I planted more string beans and now they are about six inches high.

About three weeks ago, we had a Kona storm, but, fortunately, my plants were low and the wind did not do much harm. Very hot and dry days followed but I watered my garden every evening and kept them wet.

During the second week it was very damp. My radishes came up and they have about four leaves now.

The third week it was very wet. I transplanted the parsley, as the plants were very close together and were not doing very well. My turnips are about five inches high. Some insects are the leaves so I put some arsenate of lead on. My lettuce seeds have not come up but I planted some more.

This is the fourth effort I have made to get some lettuce. This week the ground is wet and just right for working. I have not planted any more new seeds for I haven't any room. Today I pulled all the weeds out of my garden. The Maui Red Beans are from eight to ten inches high and are blooming. Some of them have little beans on now. We have had little showers at night but not enough to keep my garden damp.

Yours very truly,

CONSTANCE VIDA.

Louis Robello writes from Kahuku that scarecrows are used to frighten off the birds. We might suggest that some of the pupils draw scarecrow pictures, too. It is good practice.

### School Garden Contest Notes

Among the schools where considerable damage has been done by the Kona storm the middle of February was Keokea, Maui. Letters from Chung Kyau Tong, Say Moy Hew, Ah Keum Fong and Kim Chon Shim tell of the damage.

John Freitas of Hanalei school, Kauai, writes interestingly about his garden and the growth of the vegetables. He encloses some drawings.

Ah Eu Chang of Waialeale school, Oahu, says the pupils of his school find their gardens growing rather slowly and that this seems to be an off year in this section.

One of the letters this week from Kaunapali school, Hilo, Hawaii, says that irrigation has been so badly needed the pupils have been carrying water from a flume. This shows energy, even if the rain does not come.

Kibel sends in a bunch of letters under date of February 23. Those writing are Matsue Murayama, James Akina, Masaru Teshima, Iwao Hashiro, Masa Araki, and Hisao Kage.

Matsukichi Kanai and Yuchong Ching Kau write from Anahola school, Kauai.

A clever pen-and-ink drawing of a bean plant is contributed by Masachika Miyamoto of Honomakau school.

Jacob Maka of Haena, Kauai, contributes a drawing of his home garden, showing particularly how he has fenced it in.

Letters and drawings from Hanalei school are forwarded by Henrietta Mahuli and Lawrence Maku.

Grade IV pupils of Hanalei school, Maui, send in some excellent colored drawings. Those who deserve mention include Mitsuko Idemoto, John Rodrigues, Thomas Feltner, Kazume Higuchi and Tatsuma Morimoto.

Kahuku school, Oahu, forwards a number of neatly typewritten letters about the home gardens. The writers are Francisco Maghanoy, Nicholas M. Correa, Y. Shigematsu, K. Kido, A. Tokimasa, Hiyoaki Shigematsu, G. Shigematsu, K. Takai, Oshina Sugitawa.

Mahi Downer writes interestingly from Hilo Union school.

We are glad to hear from Kaupo school, Maui. Solomon Reuter of Grade II writes to say that the school children are hard at work and hoping to make a good showing. Another Kaupo letter is from Edward Hall, Jr.

Joaquin Domingos and Wo Kin Sun of Kahuku, Oahu, tell about their home gardens in letters late in February.

We always enjoy the Ookala school letters. This time the letter is written by Joseph Rodrigues, assistant reporter. He tells how the cabbages have been destroyed by pests and adds that the pupils will not give up but will try again. This is the right spirit, Ookala. All of it counts in the end.

Laupahoehoe never fails to send in some well-written letters. This week Giko Ogawa of the sixth grade, wrote: "We are going to keep our garden

all year because we enjoy working in it and seeing the plants grow." Good!

Sam K. Haina sends word from Paia, Hawaii, that the pole beans, Japanese cabbage and radishes and turnips have come up nicely and others are on the way. This has aroused still greater interest in the school.

From Aiea come letters by Takuichi Fukuda and Teshio Kusumoto telling of the very good work going on in this progressive school.

Amos Andrews Ignacio of Grade III, Ninole, Hawaii, tells of his garden and sends in a drawing of the No. 10 bed.

Third grade, Paiaikou school, says that February has been a busy time, with little rain and much irrigation needed.

A large number of letters come from Olaa, Hawaii. Olaa has not sent in as often as some other school and apparently is making up for lost time. After this it will be just as well to send only the two or three best letters each week. Included in the letters this time are those from Luigi Giacometti, M. Furukawa, Joseph Duarte, M. Kosca, Charles Hamme, Tadashi Tanabe—he won the first prize for peanuts at the Hawaii county fair—Shigehara Miyada, T. Tanaka, Hideo Kaneko, Etsame Kodohira, Kazuo Takahashi, Shunzo Sakamaki, George Sakamaki and Joaquin Botello. Joaquin wrote his letter on a typewriter and did it very well.

Mrs. E. M. Booco writes from Hanalei, Kauai, that everything in the garden except egg-plant is getting along very well. Two drawings of gardens come with the letter.

Kolaka, Kauai, is represented this week by a number of brief but interesting letters, from Mary Batista, Rebecca Brandt, K. Kimura and Annie Laehr. Later we hope to have space to publish a number of Kolaka's letters.

Edward Hartman writes from Waimoe, Hawaii, that he is out for one of the prizes with his home garden and will use his best endeavors to win.

Ah Sun is one of the Waipahu contributors who tells about his home garden this week. Others are Ling May, John Raposo and Jule Reis.

August C. Padgett writes from Makaweli, Kauai, that he is keeping a diary on his garden to tell exactly how it is getting along. This is a very good plan indeed and might be followed by others. Perhaps it is. We should be interested to know. Much of the value of this contest consists in exchanging ideas.

"Mother Nature seems to know what she is about," says Kam Fat Lee, writing a few days ago for Waialeale school. He goes on to tell how the wind "cleaned things up for the Carnival." It is an interesting and entertaining letter.

Hook Poy Min Chow writes from Kailua, Oahu, that their sweet potato garden is 82 square feet in area. They are growing bananas and mangoes, as

(Continued on page two)

### 'EVERY CHILD INTERESTED,' SAYS PRINCIPAL IN LAUPAHOEHOE NEWS

Laupahoehoe, T. H., Feb. 24, 1917.

Editor Honolulu Star-Bulletin.

Dear Sir: The Laupahoehoe boys and girls wish to have you know of some of the work they have been doing since the first of September.

Every child in school is interested in gardening. The 1st, 2nd and 3rd grades care for the flower beds and shrubs while the 4th, 5th and 6th grades have charge of the school garden. This work is not done during school hours, except on the vacation days, which is Wednesday afternoon. It is most interesting to see the children working in their gardens until late in the evening.

The task of preparing a piece of land 64 ft. x 30 ft. began early in September, when we attempted to remove the lava rocks and guava bushes which covered this area. The boys worked with great perseverance and by the end of the term the task was completed. As there are very few large boys in the school, the work progressed very slowly. On the removal of the many lava rocks, we discovered we had no subsoil. Each child was requested to bring a bag of soil from the surrounding hills. It was amusing to see the little people carrying bags and buckets of earth. Over a hundred wheel-barrow loads were brought and this is "our garden."

Cattle and horses had been in the habit of roaming over the school grounds and this must necessarily be checked. The boys in the elementary class built two new gates leading to the road from the school and cottage yards. It was then found that our unweeded neighbors came over the wall. The different grades were organized in "Rock Brigades," each working ten minutes a day, for a week, at the end of which time the

walls about the school yard were too high for our friends to climb.

The vegetables were planted the first week in January, but grow very slowly because of the poor soil. The children have sold enough vegetables to pay for all the seeds purchased.

Last week it was discovered that the trees shaded the garden and as they were planted too close to grow well, it was decided to cut some down. The 5th and 6th grades played they were in a lumbering region and that they were the lumbermen. I marked the trees to be cut, so the children called me the underchopper. It proved to be quite an interesting geography lesson and as it was the 21st of February, a very appropriate one.

Correlation has been carried on to great advantage in this contest. The children talk about the plants, learning new words, a language lesson; they write their letters, describe the plants and the methods of planting, an English lesson; they learn how to plant and care for the little seeds, an agricultural lesson; they find from their product maps where each plant lives, a geography lesson.

In addition to gardening the girls are learning to sew, weave, crochet and cut out garments, while the boys take delight in athletic sports. On the 22nd of February, Kapehu entered into our field day games and a most enjoyable day was spent.

"The children are very pleased to see their letters and pictures in the Star-Bulletin. The greeting every Monday morning is: 'Is my letter in the paper?'"

"Thanking you for the kind consideration shown us, I am

Very truly yours,  
LOUISE D. VAN WAGONER.

Principal of Laupahoehoe School.